

**M 5.7, 108 km S of Atico, Peru**

Origin Time: 2022-06-26 02:02:35 UTC (Sat 21:02:35 local)  
Location: 17.1756° S 73.7663° W Depth: 15.1 km

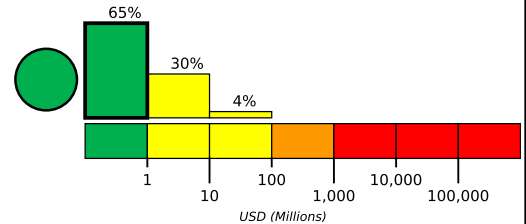
**PAGER  
Version 5**

Created: 1 day, 0 hours after earthquake

**Estimated Fatalities**

Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.

**Estimated Economic Losses**

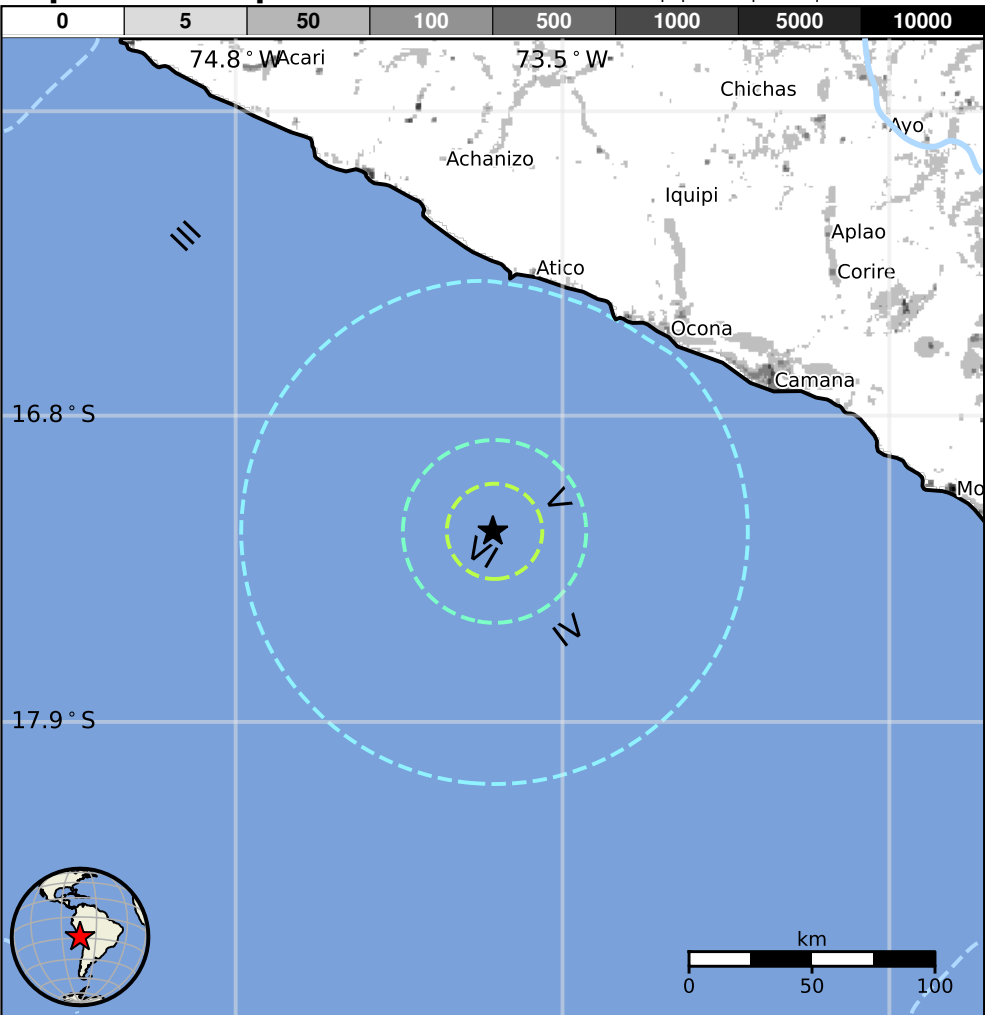


**Estimated Population Exposed to Earthquake Shaking**

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	246k	13k	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

\*Estimated exposure only includes population within the map area.

**Population Exposure**



**Structures**

Overall, the population in this region resides in structures that are highly vulnerable to earthquake shaking, though some resistant structures exist. The predominant vulnerable building types are mud wall and reinforced/confined masonry construction.

**Historical Earthquakes**

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
2001-12-04	248	5.8	VI(32k)	2
1987-08-13	314	6.5	VII(62k)	1
2001-06-23	92	8.4	VIII(179k)	48

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

**Selected City Exposure**

from GeoNames.org

MMI	City	Population
IV	El Cardo	<1k
IV	<b>Camana</b>	<b>16k</b>
III	<b>Atico</b>	<1k
III	<b>Ocona</b>	<1k
III	La Pampa	<1k
III	Chala	<1k
III	Quilca	<1k
III	Urasqui	<1k
III	<b>Mollendo</b>	<b>29k</b>
III	<b>Acari</b>	<b>4k</b>
III	Lluta	6k

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.  
<https://earthquake.usgs.gov/earthquakes/eventpage/us7000hk9n#pager>

bold cities appear on map.

(k = x1000)

Event ID: us7000hk9n